OIPE 0360

*INPUT SET: S24742.raw*  #3
8-5-98

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

```
 1                                    SEQUENCE LISTING
 2
 3    (1)     General Information
 4
 5            (i) APPLICANT:      BILLING-MEDEL, PATRICIA A.
 6                        COHEN, MAURICE
 7                        COLPITTS, TRACEY L.
 8                        FRIEDMAN, PAULA N.
 9                        HAYDEN, MARK
10                        KLASS, MICHAEL R.
11                        ROBERTS-RAPP, LISA
12                        RUSSELL, JOHN C.
13                        STROUPE, STEPHEN D.
14
15
16
17
18
19
20            (ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
21                        FOR DETECTING DISEASES OF THE GASTROINTESTINAL
22                        TRACT
23
24            (iii) NUMBER OF SEQUENCES: 51
25
26            (iv) CORRESPONDENCE ADDRESS:
27              (A) ADDRESSEE: Abbott Laboratories
28              (B) STREET: 100 Abbott Park Road
29              (C) CITY: Abbott Park
30              (D) STATE: IL
31              (E) COUNTRY: USA
32              (F) ZIP: 60064-3500
33
34            (v) COMPUTER READABLE FORM:
35              (A) MEDIUM TYPE: Diskette
36              (B) COMPUTER: IBM Compatible
37              (C) OPERATING SYSTEM: DOS
38              (D) SOFTWARE: FastSEQ for Windows Version 2.0
39
40            (vi) CURRENT APPLICATION DATA: .
41              (A) APPLICATION NUMBER:
42              (B) FILING DATE:
43              (C) CLASSIFICATION:
44
45            (vii) PRIOR APPLICATION DATA:
46              (A) APPLICATION NUMBER: 08/829,754
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```
47              (B) FILING DATE: 31-MAR-1997
48
49
50
51          (viii) ATTORNEY/AGENT INFORMATION:
52              (A) NAME: Becker, Cheryl L.
53              (B) REGISTRATION NUMBER: 35,441
54              (C) REFERENCE/DOCKET NUMBER: 6067.US.P1
55
56           (ix) TELECOMMUNICATION INFORMATION:
57              (A) TELEPHONE: 847/935-1729
58              (B) TELEFAX: 847/938-2623
59              (C) TELEX:
60
61
62              (2) INFORMATION FOR SEQ ID NO:1:
63
64           (i) SEQUENCE CHARACTERISTICS:
65              (A) LENGTH: 223 base pairs
66              (B) TYPE: nucleic acid
67              (C) STRANDEDNESS: single
68              (D) TOPOLOGY: linear
69
70
71           (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
72
73  GAAATCACAG GGAGATGTAC AGCAATGGGG CCATTTAAGA GTTCTGTGTT CATCTTGATT      60
74  CTTCACCTTC TAGAAGGGGC CCTGAGTAAT TCACTCATTC AGCTGAACAA CAATGGCTAT     120
75  GAAGGCATTG TCGTTGCAAT CGACCCCAAT GTGCCAGAAG ATGAAACACT CATTCAACAA     180
76  ATAAAGGACA TGGTGACCCA GGCATCTCTG TATCTGTTTG AAG                       223
77
78              (2) INFORMATION FOR SEQ ID NO:2:
79
80           (i) SEQUENCE CHARACTERISTICS:
81              (A) LENGTH: 273 base pairs
82              (B) TYPE: nucleic acid
83              (C) STRANDEDNESS: single
84              (D) TOPOLOGY: linear
85
86           (ix) FEATURE:
87                  (A) NAME/KEY: base_polymorphism
88                  (B) LOCATION: 158
89                  (D) OTHER INFORMATION: /note= " N' represents an A or G or
90                       T or C polymorphism at this position"
91
92           (ix) FEATURE:
93                  (A) NAME/KEY: base_polymorphism
94                  (B) LOCATION: 221
95                  (D) OTHER INFORMATION: /note= " N' represents an A or G or
96                       T or C polymorphism at this position"
97
98           (ix) FEATURE:
99                  (A) NAME/KEY: base_polymorphism
```

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100              (B) LOCATION: 231
101              (D) OTHER INFORMATION: /note= " N' represents an A or G or
102                  T or C polymorphism at this position"
103
104         (ix) FEATURE:
105              (A) NAME/KEY: base_polymorphism
106              (B) LOCATION: 251
107              (D) OTHER INFORMATION: /note= " N' represents an A or G or
108                  T or C polymorphism at this position"
109
110         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
111
112    GTTGCAATCG ACCCCAATGT GCCAGAAGAT GAAACACTCA TTCAACAAAT AAAGGACATG      60
113    GTGACCCAGG CATCTCTGTA TCTGTTTGAA GCTACAGGAA AGCGATTTTA TTTCAAAAAT     120
114    GTTGCCATTT TGATTCCTGA AACATGGAAG ACAAAGGNTG ACTATGTGAG ACCAAAACTT     180
115    GAGACCTACA AAAATGCTGA TGTTCTGGTT GCTGAGTCTA NTCCTCCAGG NAATGATGAA     240
116    CCCTACACTG NGCAGATGGG CAACTGTGGC GAG                                 273
117
118         (2) INFORMATION FOR SEQ ID NO:3:
119
120         (i) SEQUENCE CHARACTERISTICS:
121            (A) LENGTH: 240 base pairs
122            (B) TYPE: nucleic acid
123            (C) STRANDEDNESS: single
124            (D) TOPOLOGY: linear
125
126
127         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
128
129    AAAATGCTGA TGTTCTGGTT GCTGAGTCTA CTCCTCCAGG TAATGATGAA CCCTACACTG      60
130    AGCAGATGGG CAACTGTGGA GAGAAGGGTG AAAGGATCCA CCTCACTCCT GATTTCATTG     120
131    CAGGAAAAAA GTTAGCTGAA TATGGACCAC AAGGTAGGGC ATTTGTCCAT GAGTGGGCTC     180
132    ATCTACGATG GGGAGTATTT GACGAGTACA ATAATGATGA GAAATTCTAC TTATCCAATG     240
133
134         (2) INFORMATION FOR SEQ ID NO:4:
135
136         (i) SEQUENCE CHARACTERISTICS:
137            (A) LENGTH: 181 base pairs
138            (B) TYPE: nucleic acid
139            (C) STRANDEDNESS: single
140            (D) TOPOLOGY: linear
141
142
143         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
144
145    CAAAAGATGC ACATTCAATA AAGTAACAGG ACTCTATGAA AAAGGATGTG AGTTTGTTCT      60
146    CCAATCCCGC CAGACGGAGA AGGCTTCTAT AATGTTTGCA CAACATGTTG ATTCTATAGT     120
147    TGAATTCTGT ACAGAACAAA ACCACAACAA AGAAGCTCCA AACAAGCAAA ATCAAAAATG     180
148    C                                                                    181
149
150         (2) INFORMATION FOR SEQ ID NO:5:
151
152         (i) SEQUENCE CHARACTERISTICS:
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153                    (A) LENGTH: 220 base pairs
154                    (B) TYPE: nucleic acid
155                    (C) STRANDEDNESS: single
156                    (D) TOPOLOGY: linear
157
158
159              (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
160
161    CTATAGTTGA ATTCTGTACA GAACAAAACC ACAACAAAGA AGCTCCAAAC AAGCAAAATC      60
162    AAAAATGCAA TCTCCGAAGC ACATGGGAAG TGATCCGTGA TTCTGAGGAC TTTAAGAAAA     120
163    CCACTCCTAT GACAACACAG CCACCAAATC CCACCTTCTC ATTGCTGCAG ATTGGACAAA     180
164    GAATTGTGTG TTTAGTCCTT GACAAATCTG GAAGCATGGC                           220
165
166            (2) INFORMATION FOR SEQ ID NO:6:
167
168            (i) SEQUENCE CHARACTERISTICS:
169                    (A) LENGTH: 252 base pairs
170                    (B) TYPE: nucleic acid
171                    (C) STRANDEDNESS: single
172                    (D) TOPOLOGY: linear
173
174
175              (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
176
177    CAAAGAATTG TGTGTTTAGT CCTTGACAAA TCTGGAAGCA TGGCGACTGG TAACCGCCTC      60
178    AATCGACTGA ATCAAGCAGG CCAGCTTTTC CTGCTGCAGA CAGTTGAGCT GGGGTCCTGG     120
179    GTTGGGATGG TGACATTTGA CAGTGCTGCC CATGTACAAA GTGAACTCAT ACAGATAAAC     180
180    AGTGGCAGTG ACAGGGACAC ACTCGCCAAA AGATTACCTG CAGCAGCTTC AGGAGGGACG     240
181    TCCATCTGCA GC                                                         252
182
183            (2) INFORMATION FOR SEQ ID NO:7:
184
185            (i) SEQUENCE CHARACTERISTICS:
186                    (A) LENGTH: 289 base pairs
187                    (B) TYPE: nucleic acid
188                    (C) STRANDEDNESS: single
189                    (D) TOPOLOGY: linear
190
191            (ix) FEATURE:
192                    (A) NAME/KEY: base_polymorphism
193                    (B) LOCATION: 92
194                    (D) OTHER INFORMATION: /note= " N' represents an A or G or
195                         T or C polymorphism at this position"
196
197              (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
198
199    GAAATATCCA ACTGATGGAT CTGAAATTGT GCTGCTGACG GATGGGGAAG ACAACACTAT      60
200    AAGTGGGTGC TTTAACGAGG TCAAACAAAG TNGTGCCATC ATCCACACAG TCGCTTTGGG     120
201    GCCCTCTGCA GCTCAAGAAC TAGAGGAGCT GTCCAAAATG ACAGGAGGTT TACAGACATA     180
202    TGCTTCAGAT CAAGTTCAGA ACAATGGCCT CATTGATGCT TTTGGGGCCC TTTCATCAGG     240
203    AAATGGAGCT GTCTCTCAGC GCTCCATCCA GCTTGAGAGT AAGGGATTA                 289
204
205            (2) INFORMATION FOR SEQ ID NO:8:
```

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206
207              (i) SEQUENCE CHARACTERISTICS:
208                 (A) LENGTH: 253 base pairs
209                 (B) TYPE: nucleic acid
210                 (C) STRANDEDNESS: single
211                 (D) TOPOLOGY: linear
212
213
214              (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
215
216     AACAAAGTGG TGCCATCATC CACACAGTCG CTTTGGGGCC CTCTGCAGCT CAAGAACTAG      60
217     AGGAGCTGTC CAAAATGACA GGAGGTTTAC AGACATATGC TTCAGATCAA GTTCAGAACA     120
218     ATGGCCTCAT TGATGCTTTT GGGGCCCTTT CATCAGGAAA TGGAGCTGTC TCTCAGCGCT     180
219     CCATCCAGCT TGAGAGTAAG GGATTAACCC TCCAGAACAG CCAGTGGATG AATGGCACAG     240
220     TGATCGTGGA CAG                                                        253
221
222            (2) INFORMATION FOR SEQ ID NO:9:
223
224              (i) SEQUENCE CHARACTERISTICS:
225                 (A) LENGTH: 218 base pairs
226                 (B) TYPE: nucleic acid
227                 (C) STRANDEDNESS: single
228                 (D) TOPOLOGY: linear
229
230
231              (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
232
233     GAACAATGGC CTCATTGATG CTTTTGGGGC CCTTTCATCA GGAAATGGAG CTGTCTCTCA      60
234     GCGCTCCATC CAGCTTGAGA GTAAGGGATT AACCCTCCAG AACAGCCAGT GGATGAATGG     120
235     CACAGTGATC GTGGACAGCA CCGTGGGAAA GGACACTTTG TTTCTTATCA CCTGGACAAC     180
236     GCAGCCTCCC CAAATCCTTC TCTGGGATCC CAGTGGAC                             218
237
238            (2) INFORMATION FOR SEQ ID NO:10:
239
240              (i) SEQUENCE CHARACTERISTICS:
241                 (A) LENGTH: 229 base pairs
242                 (B) TYPE: nucleic acid
243                 (C) STRANDEDNESS: single
244                 (D) TOPOLOGY: linear
245
246
247              (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
248
249     GGCACAGTGA TCGTGGACAG CACCGTGGGA AAGGACACTT TGTTTCTTAT CACCTGGACA      60
250     ACGCAGCCTC CCCAAATCCT TCTCTGGGAT CCCAGTGGAC AGAAGCAAGG TGGCTTTGTA     120
251     GTGGACAAAA ACACCAAAAT GGCCTACCTC CAAATCCCAG GCATTGCTAA GGTTGGCACT     180
252     TGGAAATACA GTCTGCAAGC AAGCTCACAA ACCTTGACCC TGACTGTCA                 229
253
254            (2) INFORMATION FOR SEQ ID NO:11:
255
256              (i) SEQUENCE CHARACTERISTICS:
257                 (A) LENGTH: 191 base pairs
258                 (B) TYPE: nucleic acid
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**SEQUENCE VERIFICATION REPORT**
**PATENT APPLICATION   *US/09/049,696***

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Line                Error                                                    Original Text